

Claims

1. Sealed electric power generating product including:
a base plate,
a power generating film laminated over said base plate,
5 at least one contact portion for contacting at least one pole of
said power generating film,
an electric conductor going through a blind hole between the
internal side of said base plate and said contact portion, said electric
conductor being electrically connected with said contact portion,
10 characterized in that said blind hole is a hole perforated
through said base plate after the lamination of said power generating film
over said base plate.
2. The product of claim 1, wherein said at least one contact
portion is provided on the upper side of said film opposite said base plate,
15 said blind hole traversing said base plate and said film.
3. The product of claim 1, wherein said contact portion
comprises a metallic band running along substantially the full length of
said film.
4. The product of claim 3, comprising two metallic bands
20 running along two opposite sides of said film, and at least two electric
conductors going through two blind holes for connecting each said metallic
band.
5. The product of claim 1, wherein said base plate is a rigid
plate.
- 25 6. The product of one of the claims 1 to 5, wherein said base
plate comprises at least one metal layer.
7. The product of claim 6, wherein said base plate comprises one
layer of insulator between two layers of metal.

8. The product of claim 1, wherein said base plate is suitable for covering external building walls.

9. The product of claims 1, wherein said power generating film comprises a plurality of silicon layers over a flexible substrate.

5 10. The product of claim 1, further comprising a transparent encapsulation layer over said photovoltaic film, said encapsulation layer being made of an organic material.

11. The product of claim 1, further comprising sealing material for sealing said blind holes.

10 12. A process for making a sealed electric power generating product, comprising:

providing a base plate,

laminating a power generating film over said base plate,

providing at least one contact portion for electrically

15 contacting said power generating film.

perforating a blind hole through said base plate for accessing said contact portion from the internal side,

leading an electric conductor through each said blind hole,

electrically connecting said electric conductor with said

20 contact portion.